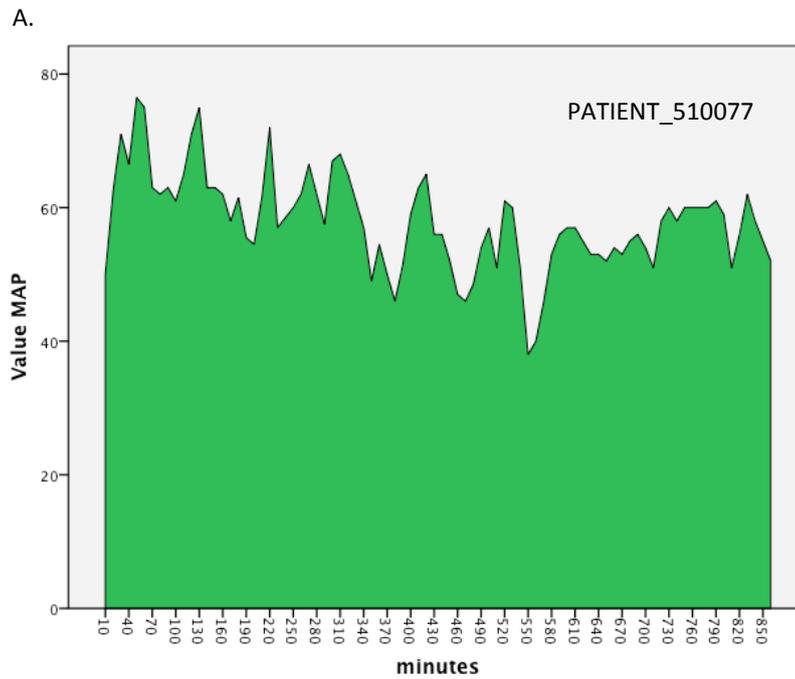
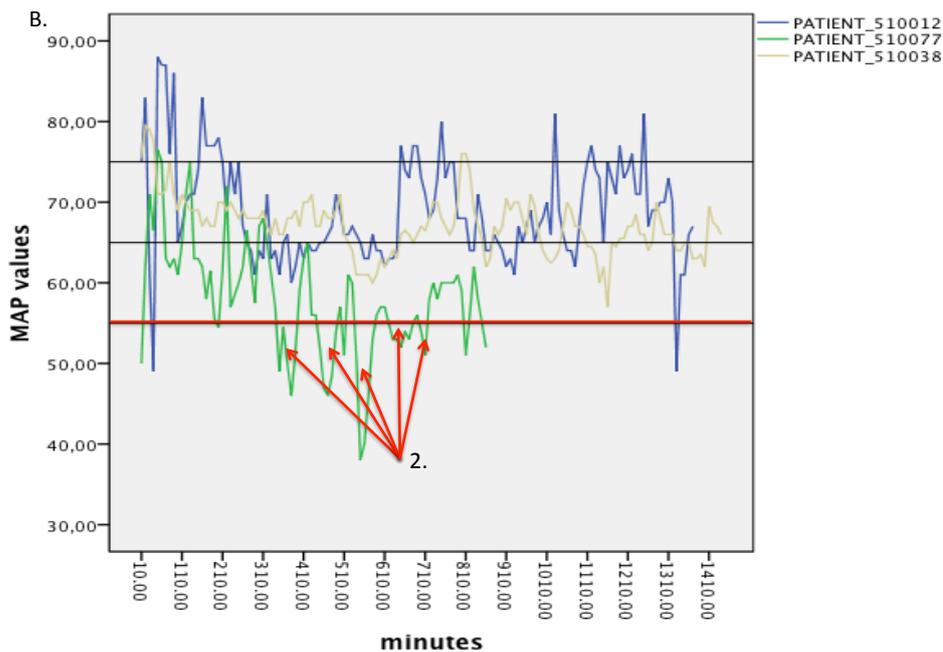


Additional file 1. Figure S 1 A, B and C.

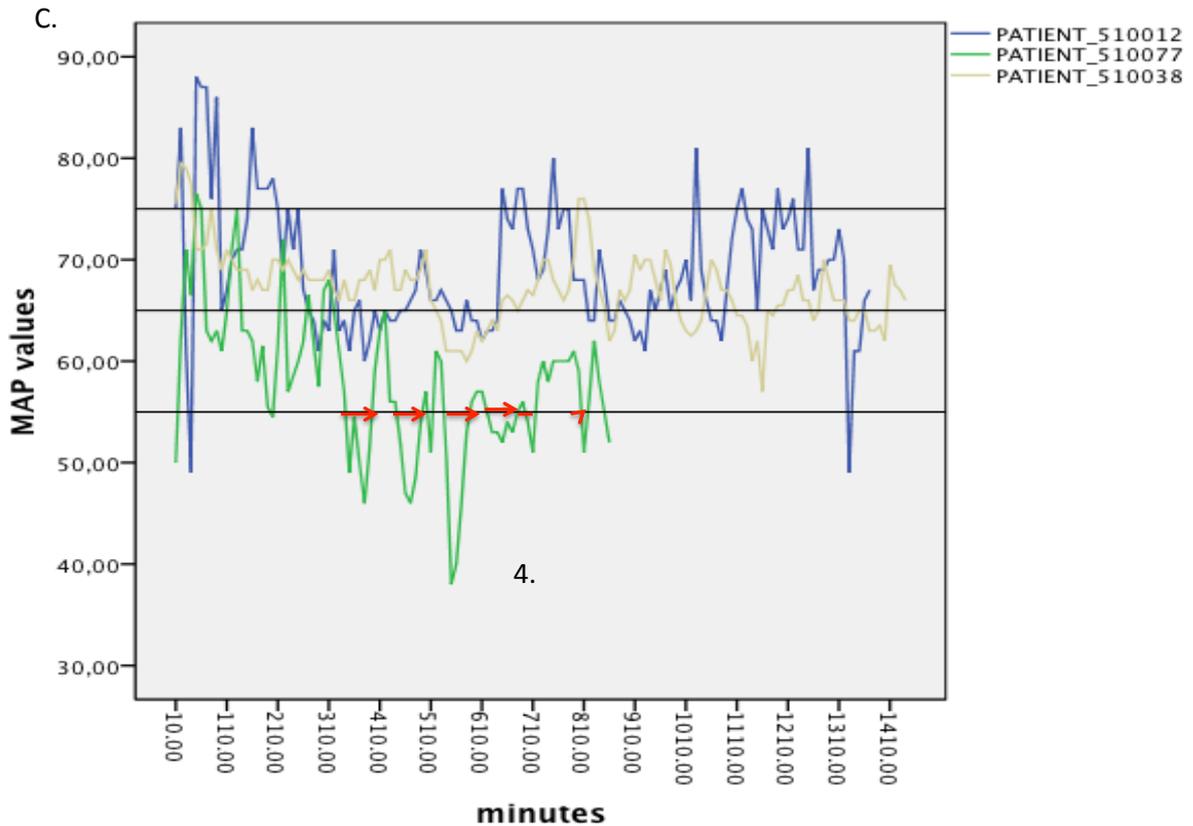
1. MAP AUC was calculated using NCSS 8 as area of MAP (mmHg [y-axis]) x time (minutes [x-axis])). Figure A shows the MAP AUC of patient 510077.



2. MAP AUC under thresholds for each patient: area of MAP x time under thresholds for each patient (Figure B. The arrows show MAP AUC under 55 mg for patient 510077)



- Time-adjustment was performed by dividing the MAP AUC (paragraph.1) with the actual aggregate time of MAP measurements. MAP AUC / time in minutes for each patient (x-axis) = time-adjusted MAP: Patient 510038: 95972.5mmHgmin / 1440 min=66.6 mmHg, Patient 510077 49335.0 mmHgmin/ 860 min = 57.4 mmHg



- Aggregate time of MAP below MAP thresholds (55-85 mmHg) was calculated as the total number of MAP values (10-minute median) below each MAP threshold value x 10 minutes. (Depicted by the arrows in Figure C.)
- Adjusted aggregate time below MAP was calculated as aggregate time of MAP below threshold divided by total aggregate time of MAP measurements. Patient 510077: 270 min below 55 mmHg / 860 min =31.4 %
- Time-adjusted MAP deficit below thresholds was calculated as MAP AUC beneath thresholds divided by the total aggregate time of MAP measurements. See paragraphs 2 and 5. For patient 510077: 1300 mmHgmin / 860 min= 1.5 mmHg at threshold 55 mmHg.